

## **PUBLIC NOTICE**

**PERMIT APPLICATION:** NRS #05.244

**APPLICANT:** Robert W. Cardosi  
2254 Kirby Parkway  
Memphis, TN 38119  
901-755-2791

**LOCATION:** Nonconnah Creek (35.0617°N, 89.8350°W) in Shelby County. The property is between Quince Road and Nonconnah Creek on the southside of Quince Road.

**WATERSHED DESCRIPTION:** The proposed activity is located in the Nonconnah watershed (HUC 08010211). Nonconnah Creek at this location has been assessed as not supporting one or more of its classified uses. Those classified uses are fish and aquatic life, recreation, livestock watering and wildlife, and irrigation. Nonconnah Creek is impaired due to contaminated sediments, phosphates, loss of biological integrity due to siltation, physical substrate habitat alterations, and *Escherichia coli*.

**PROJECT DESCRIPTION:** The applicant proposes to implement approximately 780 ft. of bank stabilization in response to a Notice of Violation. The bank stabilization would consist of grading the bank at a 2:1 slope to an elevation of 272 and then construct a shelf that would restore the floodway. The shelf width would vary with the maximum width being 34 ft. The upper bank above the shelf would also be graded at a 2:1 slope. All slopes would be compacted and prepared for seeding. The slopes shall be seeded with a mixture of Bermuda grass, Weeping Lovegrass, and White Clover. Immediately after the slope is seeded, the slope would be covered with an erosion control fabric. The bottom of the fabric near the water would be secured with 3 rows of live willow stakes. At the top of the original stream bank (on the shelf) there would be seedlings of Black Ash, Sweet Gum, and Eastern Cottonwood planted at a rate of 800 seedlings per acre.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

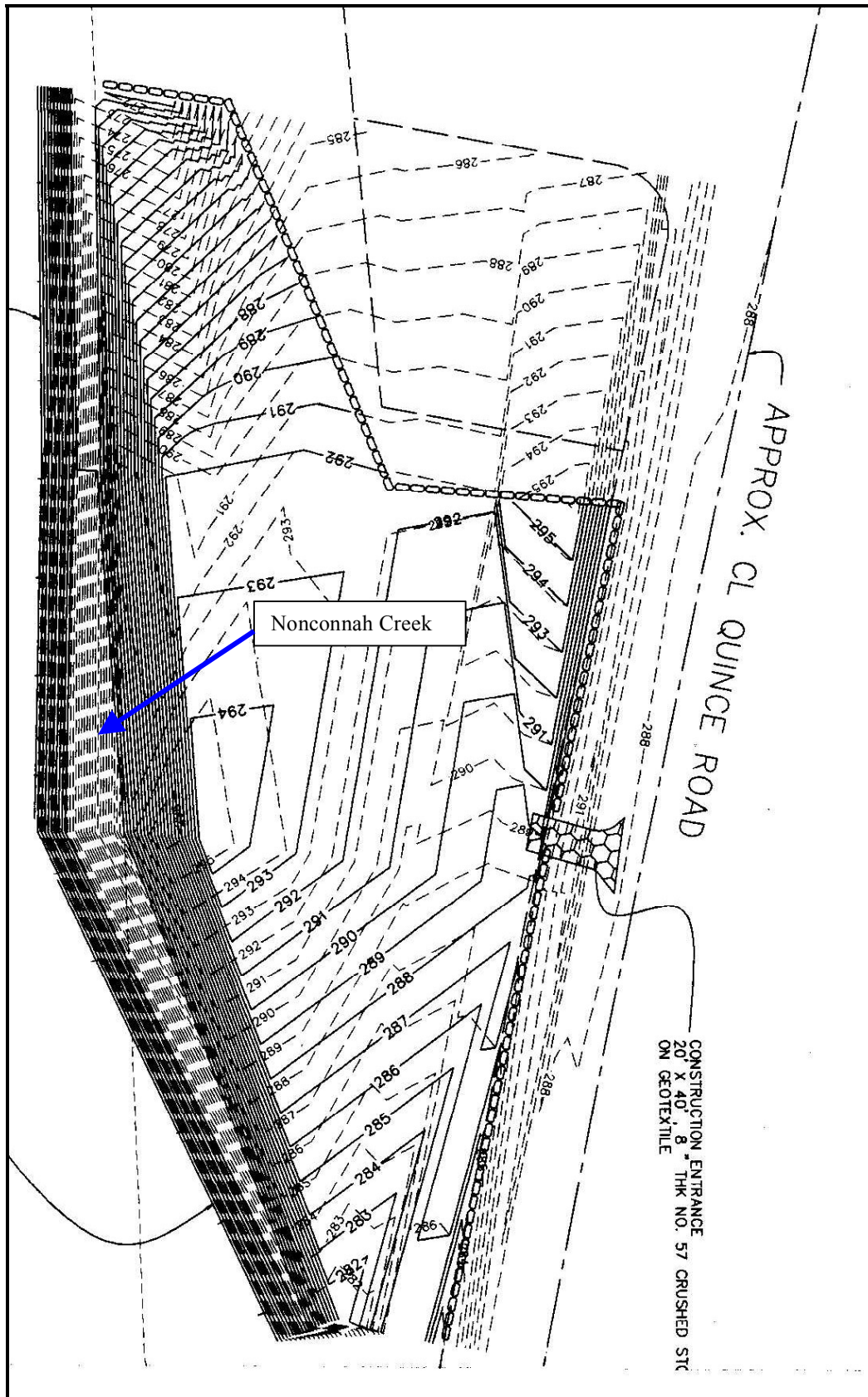
**PERMIT COORDINATOR:** Trent Thomas

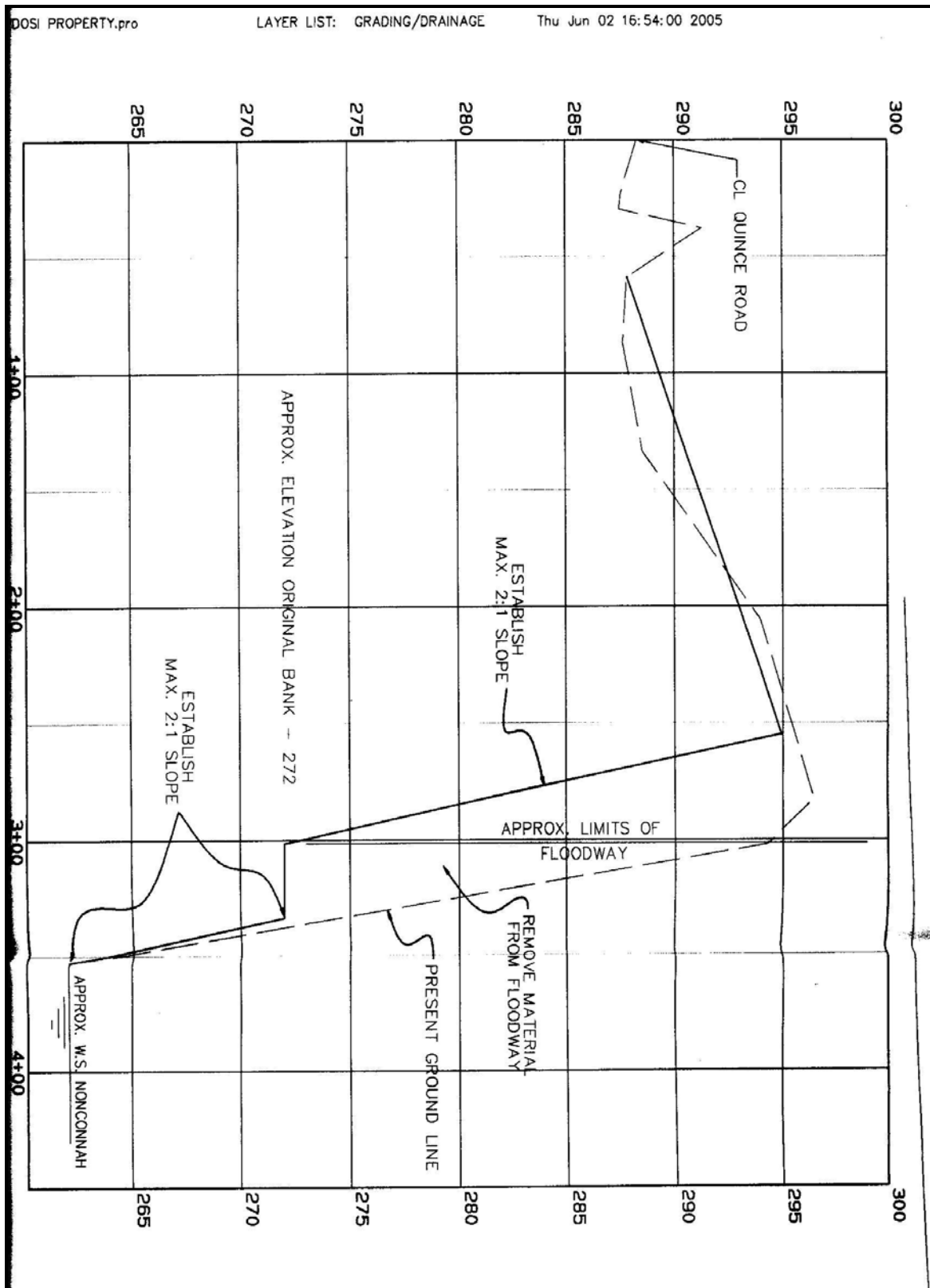
**USGS TOPOGRAPHIC QUADRANGLE:** Germantown, TN(409-SE)



Figure 1: Approximate location of proposed activity









**Figure 4: Fill material placed on the banks of Nonconnah Creek that needs to be stabilized**